

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/510,875
Source: IFW/6
Date Processed by STIC: 10/17/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 10/17/2006

PATENT APPLICATION: US/10/510,875

TIME: 09:59:09

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10172006\J510875.raw

3 <110> APPLICANT: Armstrong, Chris
 4 Cohen, Philip
 6 <120> TITLE OF INVENTION: Method
 8 <130> FILE REFERENCE: 002.00240
 10 <140> CURRENT APPLICATION NUMBER: US 10/510,875
 C--> 11 <141> CURRENT FILING DATE: 2005-06-27
 13 <150> PRIOR APPLICATION NUMBER: PCT/GB03/01286
 W--> 14 <151> PRIOR FILING DATE: 2003 March 26
 16 <150> PRIOR APPLICATION NUMBER: GB 0208104.0
 W--> 17 <151> PRIOR FILING DATE: 2002 April 9
 19 <160> NUMBER OF SEQ ID NOS: 28
 21 <170> SOFTWARE: PatentIn version 3.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 5
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Artificial sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Consensus sequence
 31 <220> FEATURE:
 32 <221> NAME/KEY: MISC_FEATURE
 33 <222> LOCATION: (4)..(4)
 34 <223> OTHER INFORMATION:
 36 <220> FEATURE:
 37 <221> NAME/KEY: MISC_FEATURE
 38 <222> LOCATION: (4)..(4)
 39 <223> OTHER INFORMATION: Any amino acid
 W--> 42 <400> 1
 W--> 44 Arg Arg Arg Xaa Ser
 45 1 5
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 6
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Artificial sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Consensus sequence
 56 <220> FEATURE:
 57 <221> NAME/KEY: MISC_FEATURE
 58 <222> LOCATION: (1)..(1)
 59 <223> OTHER INFORMATION: R or K
 62 <220> FEATURE:
 63 <221> NAME/KEY: MISC_FEATURE
 64 <222> LOCATION: (2)..(2)
 65 <223> OTHER INFORMATION: Any amino acid

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68 <220> FEATURE:
69 <221> NAME/KEY: MISC_FEATURE
70 <222> LOCATION: (4)..(4)
71 <223> OTHER INFORMATION: Any amino acid
74 <220> FEATURE:
75 <221> NAME/KEY: MISC_FEATURE
76 <222> LOCATION: (5)..(5)
77 <223> OTHER INFORMATION: Any amino acid
80 <400> SEQUENCE: 2
W--> 82 Xaa Xaa Arg Xaa Xaa Ser
83 1 5
86 <210> SEQ ID NO: 3
87 <211> LENGTH: 6
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial sequence
91 <220> FEATURE:.
92 <223> OTHER INFORMATION: Consensus sequence
94 <220> FEATURE:
95 <221> NAME/KEY: MISC_FEATURE
96 <222> LOCATION: (1)..(1)
97 <223> OTHER INFORMATION: Any bulky hydrophobic residue
100 <220> FEATURE:
101 <221> NAME/KEY: MISC_FEATURE
102 <222> LOCATION: (2)..(2)
103 <223> OTHER INFORMATION: Any amino acid
106 <220> FEATURE:
107 <221> NAME/KEY: MISC_FEATURE
108 <222> LOCATION: (4)..(4)
109 <223> OTHER INFORMATION: Any amino acid
112 <220> FEATURE:
113 <221> NAME/KEY: MISC_FEATURE
114 <222> LOCATION: (5)..(5)
115 <223> OTHER INFORMATION: Any amino acid
118 <400> SEQUENCE: 3
W--> 120 Xaa Xaa Arg Xaa Xaa Ser
121 1 5
124 <210> SEQ ID NO: 4
125 <211> LENGTH: 10
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Consensus sequence
132 <400> SEQUENCE: 4
134 Arg Arg Arg Leu Ser Phe Ala Glu Pro Gly
135 1 5 10
138 <210> SEQ ID NO: 5
139 <211> LENGTH: 5
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial sequence

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143 <220> FEATURE:
144 <223> OTHER INFORMATION: Consensus sequence
146 <220> FEATURE:
147 <221> NAME/KEY: MISC_FEATURE
148 <222> LOCATION: (1)..(1)
149 <223> OTHER INFORMATION: Any amino acid
152 <220> FEATURE:
153 <221> NAME/KEY: MISC_FEATURE
154 <222> LOCATION: (2)..(2)
155 <223> OTHER INFORMATION: Phosphorylated serine
158 <220> FEATURE:
159 <221> NAME/KEY: MISC_FEATURE
160 <222> LOCATION: (3)..(3)
161 <223> OTHER INFORMATION: Any amino acid
164 <220> FEATURE:
165 <221> NAME/KEY: MISC_FEATURE
166 <222> LOCATION: (4)..(4)
167 <223> OTHER INFORMATION: Any amino acid
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W--> 172 Xaa Xaa Xaa Xaa Ser
173 1 5
176 <210> SEQ ID NO: 6
177 <211> LENGTH: 7
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Consensus sequence
184 <400> SEQUENCE: 6
186 Leu Ser Phe Ala Glu Pro Gly
187 1 5
190 <210> SEQ ID NO: 7
191 <211> LENGTH: 8
192 <212> TYPE: PRT
193 <213> ORGANISM: Artificial sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Consensus sequence
198 <220> FEATURE:
199 <221> NAME/KEY: MISC_FEATURE
200 <222> LOCATION: (2)..(2)
201 <223> OTHER INFORMATION: Phosphorylated serine
204 <400> SEQUENCE: 7
W--> 206 Leu Xaa Ser Phe Ala Glu Pro Gly
207 1 5
210 <210> SEQ ID NO: 8
211 <211> LENGTH: 5
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Consensus sequence

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218 <220> FEATURE:
219 <221> NAME/KEY: MISC_FEATURE
220 <222> LOCATION: (1)..(1)
221 <223> OTHER INFORMATION: Arg or Lys
224 <220> FEATURE:
225 <221> NAME/KEY: MISC_FEATURE
226 <222> LOCATION: (2)..(2)
227 <223> OTHER INFORMATION: Arg or Lys
230 <220> FEATURE:
231 <221> NAME/KEY: MISC_FEATURE
232 <222> LOCATION: (3)..(3)
233 <223> OTHER INFORMATION: Arg or Lys
236 <220> FEATURE:
237 <221> NAME/KEY: MISC_FEATURE
238 <222> LOCATION: (4)..(4)
239 <223> OTHER INFORMATION: Any amino acid
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W--> 244 Xaa Xaa Xaa Xaa Ser
245 1 5
248 <210> SEQ ID NO: 9
249 <211> LENGTH: 6
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Consensus sequence
256 <220> FEATURE:
257 <221> NAME/KEY: MISC_FEATURE
258 <222> LOCATION: (1)..(1)
259 <223> OTHER INFORMATION: Arg or Lys
262 <220> FEATURE:
263 <221> NAME/KEY: MISC_FEATURE
264 <222> LOCATION: (3)..(3)
265 <223> OTHER INFORMATION: Arg or Lys
268 <220> FEATURE:
269 <221> NAME/KEY: MISC_FEATURE
270 <222> LOCATION: (2)..(2)
271 <223> OTHER INFORMATION: Any amino acid
274 <220> FEATURE:
275 <221> NAME/KEY: MISC_FEATURE
276 <222> LOCATION: (4)..(4)
277 <223> OTHER INFORMATION: Any amino acid
280 <220> FEATURE:
281 <221> NAME/KEY: MISC_FEATURE
282 <222> LOCATION: (5)..(5)
283 <223> OTHER INFORMATION: Any amino acid
286 <400> SEQUENCE: 9
W--> 288 Xaa Xaa Xaa Xaa Xaa Ser
289 1 5
292 <210> SEQ ID NO: 10

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RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/510,875

TIME: 09:59:09

Input Set : A:\sequence listing.txt

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293 <211> LENGTH: 11
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295 <213> ORGANISM: Artificial sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Consensus sequence
300 <220> FEATURE:
301 <221> NAME/KEY: MISC_FEATURE
302 <222> LOCATION: (2)..(2)
303 <223> OTHER INFORMATION: Any amino acid
306 <220> FEATURE:
307 <221> NAME/KEY: MISC_FEATURE
308 <222> LOCATION: (4)..(4)
309 <223> OTHER INFORMATION: Any amino acid
312 <400> SEQUENCE: 10
W--> 314 Tyr Xaa Thr Xaa Leu Ser Phe Ala Glu Pro Gly
      315 1          5          10
318 <210> SEQ ID NO: 11
319 <211> LENGTH: 11
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Consensus sequence
326 <220> FEATURE:
327 <221> NAME/KEY: MISC_FEATURE
328 <222> LOCATION: (1)..(1)
329 <223> OTHER INFORMATION: Any bulky hydrophobic residue
332 <220> FEATURE:
333 <221> NAME/KEY: MISC_FEATURE
334 <222> LOCATION: (2)..(2)
335 <223> OTHER INFORMATION: any amino acid
338 <220> FEATURE:
339 <221> NAME/KEY: MISC_FEATURE
340 <222> LOCATION: (4)..(4)
341 <223> OTHER INFORMATION: any amino acid
344 <400> SEQUENCE: 11
W--> 346 Xaa Xaa Tyr Xaa Leu Ser Phe Ala Glu Pro Gly
      347 1          5          10
350 <210> SEQ ID NO: 12
351 <211> LENGTH: 10
352 <212> TYPE: PRT
353 <213> ORGANISM: Artificial sequence
355 <220> FEATURE:
356 <223> OTHER INFORMATION: Consensus sequence
358 <220> FEATURE:
359 <221> NAME/KEY: MISC_FEATURE
360 <222> LOCATION: (1)..(1)
361 <223> OTHER INFORMATION: Any amino acid
364 <220> FEATURE:
365 <221> NAME/KEY: MISC_FEATURE

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/510,875

DATE: 10/17/2006
TIME: 09:59:10

Input Set : A:\sequence listing.txt
Output Set: N:\CRF4\10172006\J510875.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4
Seq#:2; Xaa Pos. 1,2,4,5
Seq#:3; Xaa Pos. 1,2,4,5
Seq#:5; Xaa Pos. 1,2,3,4
Seq#:7; Xaa Pos. 2
Seq#:8; Xaa Pos. 1,2,3,4
Seq#:9; Xaa Pos. 1,2,3,4,5
Seq#:10; Xaa Pos. 2,4
Seq#:11; Xaa Pos. 1,2,4
Seq#:12; Xaa Pos. 1,2,3
Seq#:14; Xaa Pos. 2
Seq#:15; Xaa Pos. 2
Seq#:17; Xaa Pos. 2
Seq#:26; Xaa Pos. 6
Seq#:27; Xaa Pos. 5
Seq#:28; Xaa Pos. 3

VERIFICATION SUMMARY

DATE: 10/17/2006

PATENT APPLICATION: US/10/510,875

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Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10172006\J510875.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:17 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:42 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:34
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:412 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0